

	<del>Ineo Type 210</del> <u>INCO® Type</u> <u>210 nickel powder</u>	<del>Ineofoam</del> <u>INCOFOAM®</u> <u>porous nickel substrate</u>
Br <sub>2</sub> holding capacity	27g/50ml	--

At page 38, replace the Abstract of the Disclosure with the following new Abstract of the Disclosure, as also set out in identical form on a separate page attached to this Amendment:

#### ABSTRACT OF THE DISCLOSURE

~~The invention relates to a~~ A fluid storage and delivery system utilizing a porous metal matrix that comprises at least one Group VIII metal therein. In one ~~aspect of the invention, such embodiment, the~~ porous metal matrix forms a solid-phase metal adsorbent medium, ~~characterized by~~ with an average pore diameter of from about 0.5nm to about 2nm and a porosity of from about 10% to about 30%. ~~Such solid-phase metal adsorbent medium which~~ is particularly useful for sorptively storing and ~~desorptively~~ desorptively dispensing a low vapor pressure fluid, e.g., ClF<sub>3</sub>, HF, GeF<sub>4</sub>, Br<sub>2</sub>, etc. In another aspect, ~~of the invention, such the~~ porous metal matrix forms a solid-phase metal sorbent, ~~characterized by~~ with an average pore diameter of from about 0.25µm to about 500µm and a porosity of from about 15% to about 95%, which can effectively immobilize low vapor pressure liquefied gas and ~~prevent the same from entering the fluid regulator as described in U.S. Patent No. 6,089,027.~~

### ABSTRACT OF THE DISCLOSURE

~~The invention relates to a~~ A fluid storage and delivery system utilizing a porous metal matrix that comprises at least one Group VIIIB metal therein. In one ~~aspect of the invention, such~~ embodiment, ~~the~~ porous metal matrix forms a solid-phase metal adsorbent medium, ~~characterized by~~ with an average pore diameter of from about 0.5nm to about 2nm and a porosity of from about 10% to about 30%. ~~Such solid-phase metal adsorbent medium which~~ is particularly useful for sorptively storing and ~~desorptively~~ desorptively dispensing a low vapor pressure fluid, e.g.,  $\text{ClF}_3$ , HF,  $\text{GeF}_4$ ,  $\text{Br}_2$ , etc. In another aspect, ~~of the invention, such~~ the porous metal matrix forms a solid-phase metal sorbent, ~~characterized by~~ with an average pore diameter of from about 0.25 $\mu\text{m}$  to about 500 $\mu\text{m}$  and a porosity of from about 15% to about 95%, which can effectively immobilize low vapor pressure liquefied gas and prevent the same from entering the fluid regulator as described in U.S. Patent No. 6,089,027.